

Similarity Learning



QUESTION 1 OF 2

Suppose a streaming service uses similarity learning to compare movies and generate a continuous numerical value (e.g., 0.84) indicating how similar the movies are. This would be an example of similarity learning as...

- ☐ classification
- ☒ regression
- ☐ ranking

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Recommender Systems

As we mentioned above, one of the most common uses of similarity learning is in creating *recommender systems*. Let's consider these in more detail.

Recommender systems - approaches

Content-based	Collaborative filtering
<p>Makes use of features for both users and items</p> <p>User properties: age, gender, region etc.</p> <p>Item properties: author, manufacturer etc.</p>	<p>Uses only identifiers for users and items</p> <p>Gets information from a matrix of ratings</p>

QUESTION 2 OF 2

Which type of recommender system requires the least amount of information about users and items?

- ☐ Content-based recommender
- ☐ Option-based recommender
- ☒ Collaborative filtering recommender

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